

EVAPORATED FUEL TREATMENT DEVICE OF AN INTERNAL COMBUSTION ENGINE

ABSTRACT OF THE DISCLOSURE

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A sealing valve is installed between a fuel tank and a canister. A
purge VSV is installed between the canister and an intake path. A pump module
unit is installed to introduce a negative pressure into the canister. The negative
pressure is introduced into the canister while the purge VSV and sealing valve are
10 closed. An open failure diagnostic check is conducted on the sealing valve in
accordance with the prevalent canister side pressure. A close failure diagnostic
check is conducted on the sealing valve by making use of a differential pressure
that is generated across the sealing valve as a result of the open failure diagnostic
check.